

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A sealing gasket for closure, ~~made of~~ comprising a polyurethane elastomer obtained by reacting the following (A), (B) and (C):

(A) a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate,

(B) a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, and

(C) a glycerin fatty acid ester having hydroxyl group(s), wherein said glycerin fatty acid ester is 0.1 to 20 parts by weight based on 1000 parts by weight of the polyol component (B).

2. (Currently Amended) A The sealing gasket for closure according to Claim 1, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, that is obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to a an uretdione-forming reaction, an isocyanurate-forming reaction and/or a an urethanization reaction.

3. (Currently Amended) A The sealing gasket for closure according to Claim 1, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, that is obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction.

4. (Currently Amended) A The sealing gasket for closure according to Claim 1, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of one or more high-molecular polyol(s).

5. (Currently Amended) A The sealing gasket for closure according to Claim 1, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of a mixture of a high-molecular polyol and a low-molecular polyol.

6. (Currently Amended) A The sealing gasket for closure according to Claim 1, wherein the polyurethane elastomer, when subjected to a retort treatment of 120°C x 30 minutes using 10 ml, per g of the polyurethane elastomer, of water, gives an extract showing a potassium permanganate consumption of 30 ppm or less.

7. (Currently Amended) A The sealing gasket for closure according to Claim 1, wherein the polyurethane elastomer has a JIS A hardness of 10 to 70, a tensile strength of 1 to 40 MPa and a compression set of 0.1 to 60%.

8. (Currently Amended) A process for producing a closure, which comprises reacting the following (A), (B) and (C) at the inner side of a closure to synthesize a polyurethane elastomer in such a state that the polyurethane elastomer is integrated with the closure, wherein:

(A) a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate,

(B) a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, and

(C) a glycerin fatty acid ester having hydroxyl group(s), wherein said glycerin fatty acid ester is 0.1 to 20 parts by weight based on 1000 parts by weight of the polyol component (B)

9. (Currently Amended) A The process for producing a closure according to Claim 8, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, that is obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate

according to a an uretdione-forming reaction, an isocyanurate-forming reaction and/or a an urethanization reaction.

10. (Currently Amended) A The process for producing a closure according to Claim 8, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, that is obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to an isocyanurate-forming reaction and/or a an urethanization reaction.

11. (Currently Amended) A The process for producing a closure according to Claim 8, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of one or more high-molecular polyol(s).

12. (Currently Amended) A The process for producing a closure according to Claim 8, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of a mixture of a high-molecular polyol and a low-molecular polyol.

13. (Currently Amended) A The process for producing a closure according to Claim 8, wherein the polyurethane elastomer, when subjected to a retort treatment of 120°C x 30 minutes using 10 ml, per g of the polyurethane elastomer, of water, gives an

extract showing a potassium permanganate consumption of 30 ppm or less.

14. (Currently Amended) A The process for producing a closure according to Claim 8, wherein the polyurethane elastomer has a JIS A hardness of 10 to 70, a tensile strength of 1 to 40 MPa and a compression set of 0.1 to 60%.

15. (Currently Amended) A process for producing a closure, which comprises lining the inner side of a closure with the following (A), (B) and (C) and then reacting the (A), the (B) and the (C) at 150 to 240°C for 20 to 200 seconds to synthesize a polyurethane elastomer in such a state that the polyurethane elastomer is integrated with the closure, wherein:

(A) a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate,

(B) a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, and

(C) a glycerin fatty acid ester having hydroxyl group(s), wherein said glycerin fatty acid ester is 0.1 to 20 parts by weight based on 1000 parts by weight of the polyol component (B).

16. (Currently Amended) A The process for producing a closure according to Claim 15, wherein the (A) is a

polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, that is obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to a an uretdione-forming reaction, an isocyanurate-forming reaction and/or a an urethanization reaction.

17. (Currently Amended) A The process for producing a closure according to Claim 15, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, that is obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to an isocyanurate-forming reaction and/or a an urethanization reaction.

18. (Currently Amended) A The process for producing a closure according to Claim 15, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of one or more high-molecular polyol(s).

19. (Currently Amended) A The process for producing a closure according to Claim 15, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of a mixture of a high-molecular polyol and a low-molecular polyol.

20. (Currently Amended) A The process for producing a closure according to Claim 15, wherein the polyurethane elastomer, when subjected to a retort treatment of 120°C x 30 minutes using 10 ml, per g of the polyurethane elastomer, of water, gives an extract showing a potassium permanganate consumption of 30 ppm or less.

21. (Currently Amended) A The process for producing a closure according to Claim 15, wherein the polyurethane elastomer has a JIS A hardness of 10 to 70, a tensile strength of 1 to 40 MPa and a compression set of 0.1 to 60%.